

RECEIVED REALM

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PROBLEM

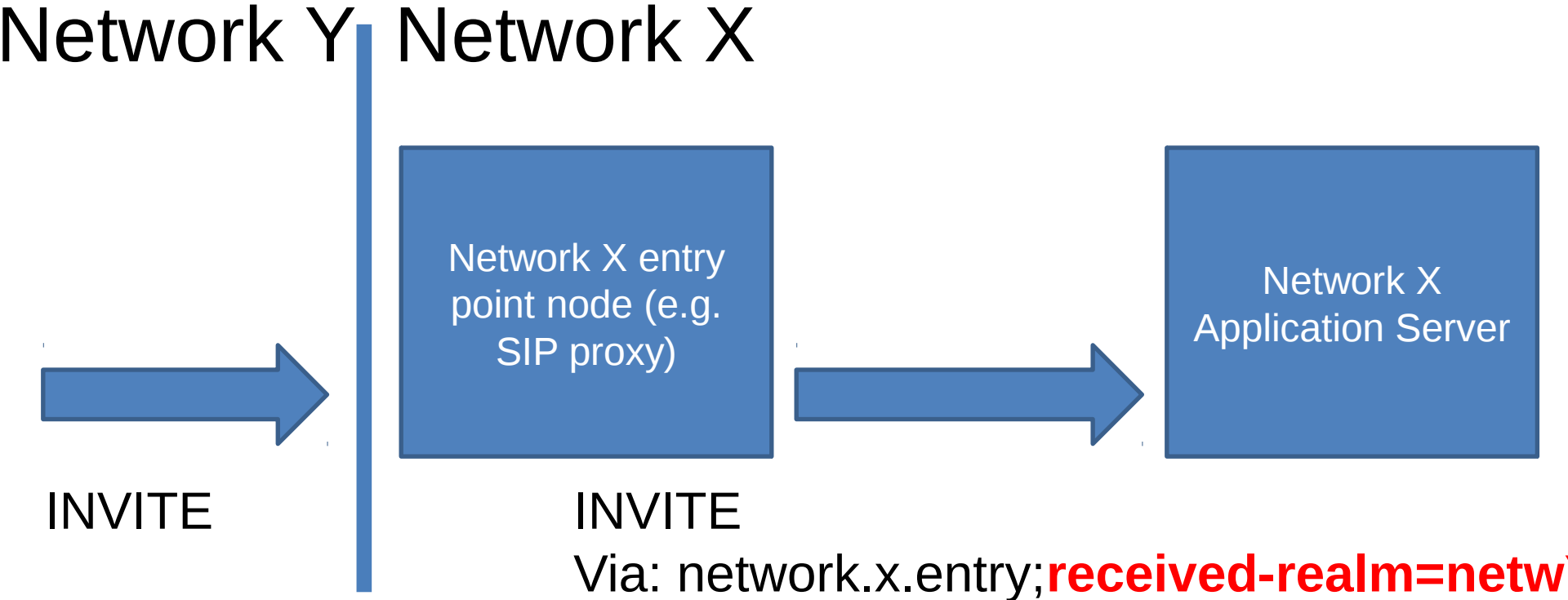
- SIP requests might traverse transit networks
 - Network between two operators
 - Network interconnecting networks belonging to a single operator
- Transit networks might apply policies and services based on the adjacent network from where the SIP request comes
 - 3GPP Transit Network Application Servers

SOLUTION

draft-holmberg-dispatch-received-realm

- Via header field parameter
 - Value indicating adjacent upstream network (network from where a SIP request is received)
 - Added to SIP request by network entry node
 - HMAC value
 - Key only known to operator inserting the Via header field
 - Network indication value MUST NOT be used if the HMAC value does not match
 - Informational, does not impact SIP core routing procedures etc

EXAMPLE



WHY NOT LOOK AT THE VIAs?

- Via header fields may contain IP addresses, that cannot always be used to identify a network
 - Private network
 - ...

SUGGESTION

- CREATE A MILESTONE
- ADOPT THE DRAFT
- AD SPONSORED?

THE END

**THANK YOU FOR
LISTENING!**